

Ferrocid® 4601

Active oxidizing biocide for cooling systems and industrial water systems

APPLICATION

Ferrocid® 4601 is a microbiological inhibitor for cooling, water treatment and membrane systems.

Ferrocid® 4601 is a patented stabilized bromine solution for the removal of organic substances in commercial and industrial water systems. The product removes organic organisms and prevents the growth of bacteria and sludge. Ferrocid® 4601 is an active biocide used for the treatment of industrial water. The product works independently of the type of biological contamination and has a wide range of action.

SPECIFICATION

There is no chlorine in the product.

Ferrocid® 4601 is neither volatile nor combustible.

Form:	orange-yellow liquid
pH (1% distilled water):	11.7 ± 0,5
Density:	1,45 ± 0,05 g/ml
Viscosity:	< 100 mPas s
Number of halogens:	17,0 ± 1,0%, like a bromine (in terms of chlorine 7.6%)
Точка замерзания:	5°C
Freezing point:	Mixed in water in any proportion

IMPACT ON THE ENVIRONMENT

Please read the safety data sheet.

DOSAGE

Ferrocid® 4601 is 7.6% halogen (in terms of chlorine).

13.2 g (9 ml) of Ferrocid® 4601 in 1 m³ of water provides 1 mg/l of free halogen (in terms of chlorine).

The dosage of the product to the cooling system depends on many factors: the level of contamination, the type of microbiological contamination, the rate of water flow, temperature, temporary ingress. The correct dosage will be determined by the technical department of ŠOMIS.

USAGE

Ferrocid® 4601 can be diluted with distilled water.

The dosage depends on water contamination, the quality of the water system and the level of control.

The feed water is dosed in shocks. It is better to add the product to the part of the system where the mixing is most intense.

Equipment (containers, pumps and pipes) should be made of alkali-resistant materials, preferably plastic, e.g. PE, PVC.

STORAGE

Store in tightly closed containers in a dry and cool place (preferably below 30°C) in a well-ventilated area, away from sources of fire and oxidants.

Shelf life is indicated on the packaging.

SAFEGUARDS

Use with caution.

Please read the instructions and information on the label carefully before use.

Ferrocid® 4601 is intended for use only in industry.

Please read the safety data sheet.

CERTIFICATION

In Germany Ferrocid® 4601 is registered as a biocide in CA BAuA according to PT11 No.N-11149.

The information can be found in the safety data sheet.